

AMENDMENTS TO THE CLAIMS

1. (Cancelled)

2. (Currently Amended) The installation as claimed in claim ~~1~~10, ~~characterized in that wherein said wind generators (4) generate~~ generator generates electrical energy supplying resistors embedded in the slab ~~(2)~~.

3. (Cancelled)

4. (Currently Amended) The installation as claimed in claim ~~1~~10 ~~any one of the preceding claims, characterized in that it comprises~~ further comprising ventilation means combining natural ventilation with intermittent forced ventilation.

5. (Currently Amended) ~~The installation as claimed in claim 1 in any one of the preceding claims, characterized in that it comprises~~

A system for drying sludge from wastewater purifying stations, the drying occurring in a chamber receiving the products to be dried, the system comprising:
a greenhouse with translucent or transparent walls erected on a slab upon which a bed of products to be dried is deposited;
at least one wind generator generating electrical energy which is converted to heat that is delivered to the slab upon which the bed of products to be dried is spread; and
regulating means ~~comprising~~ having sensors measuring the temperature of the bed ~~(3)~~ of products to be dried, the air temperature respectively inside and outside the greenhouse ~~(1)~~ and the humidity of the air, these sensors actuating mobile louvers ~~(5,6)~~ provided, respectively, in the top portion and in the bottom portion, on the walls of the greenhouse ~~(1)~~ in order to regulate the natural convection removing the moisture laden air.

6. (Currently Amended) The installation as claimed in claim 5, ~~characterized in that it further comprises~~ comprising programming and automation means.

7. (Cancelled)

8. (Currently Amended) The installation as claimed in claim 4, ~~characterized in that wherein~~ the forced ventilation means are supplied with energy from said wind ~~generators (4)~~ generator.

9. (Cancelled)

10. (New) A system for drying sludge from wastewater purifying stations, the drying occurring in a chamber receiving the products to be dried, the system comprising:
a greenhouse with translucent or transparent walls erected on a slab upon which a bed of products to be dried is deposited; and

at least one wind generator generating electrical energy which is converted to heat that is delivered to the slab upon which the bed of products to be dried is spread.